



# 1998 Toxics Release Inventory

## CONNECTICUT

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	5,450,433	1,443,978	6,894,411
Air Emissions	4,813,164	1,443,894	6,257,058
Surface Water Discharges	600,326	84	600,410
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	36,943	0	36,943
Off-site Releases (Transfers Off-site to Disposal)*	2,087,069	982,642	3,069,711
<b>Total On- and Off-site Releases</b>	<b>7,537,502</b>	<b>2,426,620</b>	<b>9,964,122</b>
Recycled On-site	94,526,224	0	94,526,224
Recycled Off-site	19,528,393	0	19,528,393
Energy Recovery On-site	3,070,165	0	3,070,165
Energy Recovery Off-site	2,305,077	0	2,305,077
Treated On-site	44,169,482	238,685	44,408,167
Treated Off-site**	8,793,271	56,748	8,850,019
Quantity Released On- and Off-site***	6,841,765	2,708,224	9,549,989
<b>Total Production-related Waste Managed</b>	<b>179,234,377</b>	<b>3,003,657</b>	<b>182,238,034</b>
<b>Total Non-production-related Waste Managed</b>	<b>62,444</b>	<b>17</b>	<b>62,461</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	18,927,228	0	18,927,228
Energy Recovery	2,282,981	0	2,282,981
Treatment	7,293,333	5,973	7,299,306
Publicly Owned Treatment Works (POTWs)	1,111,117	98,180	1,209,297
Metals and Metal Compounds*	8,859	1,460	10,319
Non-metal TRI Chemicals**	1,102,258	96,720	1,198,978
Other Off-site Transfers****	4,106	0	4,106
Off-site Transfers to Disposal (not including metals to POTWs)	2,145,032	1,193,077	3,338,109
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>31,736,797</b>	<b>1,297,230</b>	<b>33,061,027</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact:

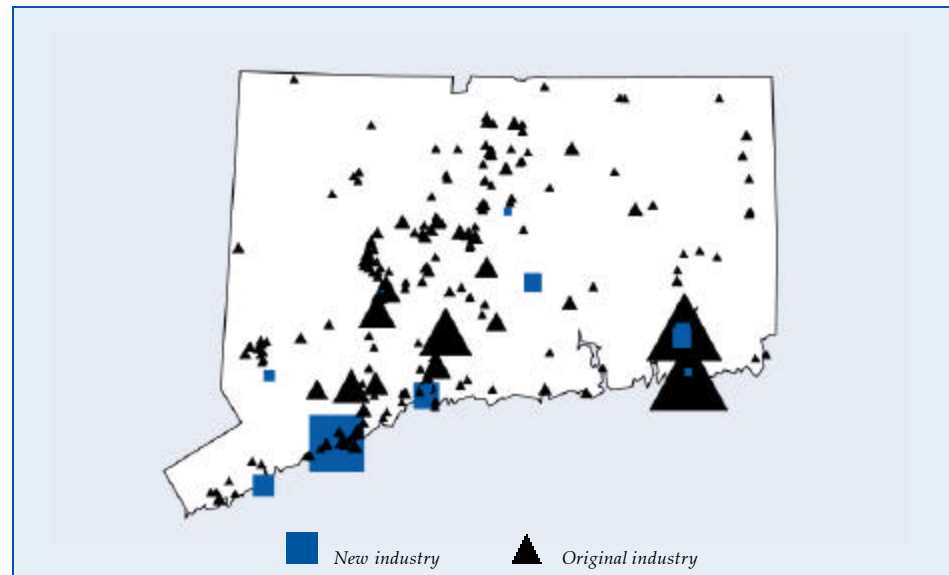
Mr. Joseph Pulaski  
(860) 424-3373  
Fax: (860) 424-4059

#### EPA Regional Contact:

Dwight Peavey  
(617) 918-1829  
Fax: (617) 918-1810

#### To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Connecticut. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	3,274,069
Square Miles	4,845
Total Facilities	326
Total Forms	949
Form As	99

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	39	48	46
Pounds	7,537,502	2,426,620	9,964,122
<b>National Rank for Total On-site Releases**</b>			
Rank	40	48	47
Pounds	5,450,433	1,443,978	6,894,411
<b>National Rank for Total Releases within State***</b>			
Rank	41	48	47
Pounds	6,832,985	1,574,306	8,407,291
<b>National Rank for Production-related Waste Managed</b>			
Rank	31	48	35
Pounds	179,234,377	3,003,657	182,238,034

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1998 Toxics Release Inventory

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## On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
75-09-2	Dichloromethane	779,833	755	0	3	7,450	788,041	40	0	7,450
108-88-3	Toluene	661,922	5	0	1	736	662,664	250	0	736
67-56-1	Methanol	573,276	11,578	0	0	8,750	593,604	0	0	8,750
7440-50-8	Copper	23,127	575	0	251	508,999	532,952	603	386,191	122,808
—	Nitrate compounds	173	399,115	0	0	129,505	528,793	806	129,000	505
—	Zinc compounds	5,167	24,722	0	36,684	355,908	422,481	32,363	36,853	319,055
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	354,505	0	0	0	0	354,505	0	0	0
79-01-6	Trichloroethylene	298,823	0	0	0	0	298,823	0	0	0
7440-47-3	Chromium	2,186	2,316	0	1	288,390	292,893	712	185,450	103,175
78-93-3	Methyl ethyl ketone	267,793	0	0	1	5,900	273,694	0	3,550	2,350

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

## On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-93-9	Sulfuric acid	669,000	0	0	0	0	669,000	0	0	0
7647-01-0	Hydrochloric acid	551,000	0	0	0	0	551,000	0	0	0
—	Copper compounds	3	1	0	0	221,978	221,982	0	343	221,635
—	Chromium compounds	763	1	0	0	194,030	194,794	4,903	543	193,487
—	Zinc compounds	3	1	0	0	161,592	161,596	750	3,488	158,104
—	Nitrate compounds	0	0	0	0	152,728	152,728	4,977	0	152,728
7697-37-2	Nitric acid	1,839	0	0	0	117,303	119,142	1,709	0	117,303
—	Nickel compounds	19,483	2	0	0	83,322	102,807	1,541	14,351	68,971
7440-02-0	Nickel	1,400	0	0	0	75,000	76,400	0	0	75,000
1634-04-4	Methyl tert-butyl ether	61,989	10	0	0	6,054	68,053	12,232	5,880	174

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1998 Toxics Release Inventory

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## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Pfizer Inc. — Groton Site, Groton, New London	350,880	251,465	0	0	0	0	602,345	60,005	77,210
Dow North America, Allyn's Point Plant, Gales Ferry, New London	579,063	14	0	0	0	0	579,077	0	3
Cytec Inds. Inc., Wallingford, New Haven	192,690	183,069	0	0	0	0	375,759	0	2,649
Uniroyal Chemical Co. Inc., Naugatuck, New Haven	248,211	0	0	0	0	0	248,211	373	27,076
Spongex Intl. LT, Shelton, Fairfield	239,073	0	0	0	0	0	239,073	0	0
Olin Corp. Somers Thin Strip Brass Group, Waterbury, New Haven	177,000	57	0	0	0	0	177,057	13	18,882
U.S. Surgical Corp., North Haven, New Haven	170,040	0	0	0	0	0	170,040	0	0
Carlson Prods. Co., Derby, New Haven	139,000	0	0	0	0	0	139,000	0	0
Habasit Abt, Middletown, Middlesex	120,100	0	0	0	0	0	120,100	0	0
Vitramon Inc., Monroe, Fairfield	115,360	5	0	0	0	3	115,368	10,207	15,471

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Bridgeport Harbor Station, Bridgeport, Fairfield	519,000	0	0	0	0	0	519,000	0	0
New Haven Harbor Station, New Haven, New Haven	199,400	0	0	0	0	0	199,400	0	75,000
Norwalk Harbor Station, Norwalk, Fairfield	148,701	0	0	0	0	0	148,701	14,000	7,900
Montville Station, Uncasville, New London	129,000	0	0	0	0	0	129,000	0	6,600
Middletown Station, Middletown, Middlesex	113,000	0	0	0	0	0	113,000	0	0
Northeast Petroleum New Haven Terminal, New Haven, New Haven	80,223	0	0	0	0	0	80,223	22,207	0
AES Thames Inc., Uncasville, New London	79,917	39	0	0	0	0	79,956	71	114,000
Devon Station, Milford, Fairfield	70,000	0	0	0	0	0	70,000	0	0
Gulf Oil Ltd. Ptnr. New Haven Terminal, New Haven, New Haven	46,795	40	0	0	0	0	46,835	3,000	0
Motiva Bridgeport Terminal, Bridgeport, Fairfield	34,400	5	0	0	0	0	34,405	169	501

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1998 Toxics Release Inventory

# CONNECTICUT

## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Pfizer Inc.— Groton Site, Groton, New London	0	147,000	0	0	3,304,210	5,356,325	718,668	9,526,203	0
Dow North America, Allyn's Point Plant, Gales Ferry, New London	0	0	967,000	0	2,996	1,107,603	579,575	2,657,174	0
Cytec Inds. Inc., Wallingford, New Haven	65,296,596	0	0	537,976	4,189,582	9,308	378,082	70,411,544	326
Uniroyal Chemical Co. Inc., Naugatuck, New Haven	0	5,254	0	161,301	97,728	430,817	266,586	961,686	0
Spongex Intl. LT, Shelton, Fairfield	0	0	0	0	0	0	239,173	239,173	3
Olin Corp. Somers Thin Strip Brass Group, Waterbury, New Haven	0	0	0	7,300	8,400	0	196,044	211,744	0
U.S. Surgical Corp., North Haven, New Haven	0	219,980	0	0	28,900	5,130	170,040	424,050	0
Abbott Ball Co., West Hartford, Hartford	0	22,573	0	0	10,132	25	148,445	181,175	0
Carlson Prods. Co., Derby, New Haven	0	0	0	0	0	0	139,000	139,000	1
Cuno Inc., Meriden, New Haven	0	9,280	0	0	1,131,867	103,062	135,378	1,379,587	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Clean Harbors of Connecticut Inc., Bristol, Hartford	0	0	0	0	232,487	32,407	1,062,962	1,327,856	9
Bridgeport Harbor Station, Bridgeport, Fairfield	0	0	0	0	0	0	519,000	519,000	0
New Haven Harbor Station, New Haven, New Haven	0	0	0	0	0	0	274,400	274,400	0
AES Thames Inc., Uncasville, New London	0	0	0	0	0	0	194,000	194,000	7
Norwalk Harbor Station, Norwalk, Fairfield	0	0	0	0	0	0	171,000	171,000	0
Montville Station, Uncasville, New London	0	0	0	0	0	0	136,000	136,000	0
Middletown Station, Middletown, Middlesex	0	0	0	0	0	0	113,000	113,000	0
Devon Station, Milford, Fairfield	0	0	0	0	0	0	70,000	70,000	0
Northeast Petroleum New Haven Terminal, New Haven, New Haven	0	0	0	0	0	21,784	61,760	83,544	0
Gulf Oil Ltd. Ptnr. New Haven Terminal, New Haven, New Haven	0	0	0	0	0	2,557	47,004	49,561	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.